



Tehničke karakteristike

CTH2 253-1BH32		24VDC power input
Digital input		8 input
Type		Sink/ Source
Rated voltage		5mA, 24 VDC
Max continuous voltage		30 VDC
Surge current		35 VDC last 0.5 s
Logical 1 Signal(max)		On 2.72mA is 15.6 VDC (I0.0、 I0.1、 I0.2、 I0.4、 I0.5、 I0.6) On 2.55mA is 12.8VDC (I0.3、 I0.7)
Logical 0 Signal(min)		On 2.69mA is 15.4VDC (I0.0、 I0.1、 I0.2、 I0.4、 I0.5、 I0.6) On 2.51mA is 12.6 VDC (I0.3、 I0.7)
Input delay		< 1.1us (I0.0、 I0.1、 I0.2、 I0.4、 I0.5、 I0.6) < 1ms (I0.3、 I0.7)
Allowed max.leakage current of two near sensor connection		1mA
Isolation (Field side to logical circuit) Optical isolation group		Yes 500 VAC, 1 minute
High speed input rate High speed counter logic 1=16~26 VDC		200KHz (single phase, double phase) (I0.0、 I0.4) 200KHz (A/B phase) (I0.0 and I0.1、 I0.4 and I0.5)
Simultaneous input		All
Maximum cable length	Shielded	500m
	Unshielded	300m
High speed counter maximum variation frequency		50KHz

CTH2 253-1BH32		Transistor output
Digital output		8 output
Type		Solid – MOSFET (sink)
Rated voltage		24 VDC
Voltage output range		5~28.8 VDC
Surgecurrent (max)		8A last 100ms
Logical 1 Signal(max)		0.5V
Logical 0 Signal(min)		VCC-0.5V

Rated current per group(max)	0.5A	
Rated current per common port(max)	2.0A	
Leakage current(max)	10μA	
Lamp load (max)	3.5W	
Inductive clamping voltage	L+ minus 48 VDC, 1W power dissipation	
Contact resistance	0.3 Ω (max 0.6Ω)	
Isolation Optical isolation (Field side to logical circuit) logical circuit to junction resistance (logical circuit to junction) Isolated group	500 VAC, 1 minute --- --- refer to wiring diagram	
Delay (max) Off to connect connect to off	0.2μs (Q0.0、Q0.1、Q0.2、Q0.3) , 50μs (Q0.4、Q0.5、Q0.6、Q0.7) 0.2μs (Q0.0、Q0.1、Q0.2、Q0.3) , 130μs (Q0.4、Q0.5、Q0.6、Q0.7)	
Pulse frequency (max)	200KHz (Q0.0、Q0.2)	
Machine lift cycle	/	
Contact service time	/	
Simultaneous output	55°C, output all	
Parallel output	Yes, just for same group output	
Maximum cable length	Shielded	500m
	Unshielded	150m

Dimenzije

型号		单位mm
CTH2 221-1BH32	CTH2 231-7PD32	<p>正立面</p> <p>侧立面</p>
CTH2 222-1BH32	CTH2 231-7PF32	
CTH2 222-1HH32	CTH2 231-7TF32	
CTH2 223-1BH32	CTH2 231-7TD32	
CTH2 223-1PH32	CTH2 231-7ND32	
CTH2 231-0HC32	CTH2 231-7NF32	
CTH2 235-0KD32	CTH2 231-7WA32	
CTH2 231-0HF32	CTH2 232-0HD32	
CTH2 231-7HB32	CTH2 277-0AA32	
CTH2 231-7HC32	CTH2 277-0AB32	
CTH2 231-7PB32	CTH2 253-1BH32	
CTH2 231-7PC32		

